

#2

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/765,086

DATE: 04/19/2001

TIME: 16:39:17

Input Set : N:\Crf3\RULE60\09765086.txt
Output Set: N:\CRF3\04192001\I765086.raw

2 <110> APPLICANT: Ruoslahti, Erkki
3 Pasqualini, Renata
4 Wadih, Arap
5 Bredesen, Dale E.
6 Ellerby, H. Michael.
8 <120> TITLE OF INVENTION: Chimeric Prostate-Homing Peptides With
9 Pro-Apoptotic Activity
12 <130> FILE REFERENCE: P-LJ 3844
14 <140> CURRENT APPLICATION NUMBER: 09/765,086
15 <141> CURRENT FILING DATE: 2001-01-17
17 <150> PRIOR APPLICATION NUMBER: US 09/489,582
18 <151> PRIOR FILING DATE: 2000-01-21
21 <160> NUMBER OF SEQ ID NOS: 235
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 9
27 <212> TYPE: PRT
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: synthetic peptide
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35 1 5
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 13
40 <212> TYPE: PRT
41 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: synthetic peptide
46 <400> SEQUENCE: 2
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48 1 5 10
51 <210> SEQ ID NO: 3
52 <211> LENGTH: 13
53 <212> TYPE: PRT
54 <213> ORGANISM: Artificial Sequence
56 <220> FEATURE:
57 <223> OTHER INFORMATION: synthetic peptide
59 <400> SEQUENCE: 3
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61 1 5 10
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 8
66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: synthetic peptide

ENTERED

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72 <400> SEQUENCE: 4
73 Cys Leu Ser Gly Ser Leu Ser Cys
74 1 5
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79 <212> TYPE: PRT
80 <213> ORGANISM: Artificial Sequence
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83 <223> OTHER INFORMATION: synthetic peptide
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87 1 5
90 <210> SEQ ID NO: 6
91 <211> LENGTH: 6
92 <212> TYPE: PRT
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: synthetic peptide
98 <400> SEQUENCE: 6
99 Asn Gly Arg Ala His Ala
100 1 5
103 <210> SEQ ID NO: 7
104 <211> LENGTH: 9
105 <212> TYPE: PRT
106 <213>. ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: synthetic peptide
111 <400> SEQUENCE: 7
112 Cys Val Leu Asn Gly Arg Met Glu Cys
113 1 5
116 <210> SEQ ID NO: 8
117 <211> LENGTH: 5
118 <212> TYPE: PRT
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: synthetic peptide
124 <400> SEQUENCE: 8
125 Cys Asn Gly Arg Cys
126 1 5
129 <210> SEQ ID NO: 9
132 <400> SEQUENCE: 9
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135 <210> SEQ ID NO: 10
138 <400> SEQUENCE: 10
W--> 139 000
141 <210> SEQ ID NO: 11
143 <400> SEQUENCE: 11
W--> 144 000
146 <210> SEQ ID NO: 12

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Input Set : N:\Crf3\RULE60\09765086.txt
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147 <211> LENGTH: 13
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: synthetic peptide
154 <221> NAME/KEY: VARIANT
155 <222> LOCATION: (1)...(13)
156 <223> OTHER INFORMATION: Xaa = Any Amino Acid
158 <400> SEQUENCE: 12
W--> 159 Cys Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys
160 1 5 10
163 <210> SEQ ID NO: 13
164 <211> LENGTH: 9
165 <212> TYPE: PRT
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: synthetic peptide
171 <221> NAME/KEY: VARIANT
172 <222> LOCATION: (1)...(9)
173 <223> OTHER INFORMATION: Xaa = Any Amino Acid
175 <400> SEQUENCE: 13
W--> 176 Cys Xaa Xaa Xaa Asn Gly Arg Xaa Xaa
177 1 5
180 <210> SEQ ID NO: 14
181 <211> LENGTH: 9
182 <212> TYPE: PRT
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: synthetic peptide
188 <221> NAME/KEY: VARIANT
189 <222> LOCATION: (1)...(9)
190 <223> OTHER INFORMATION: Xaa = Any Amino Acid
192 <400> SEQUENCE: 14
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194 1 5
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198 <211> LENGTH: 12
199 <212> TYPE: PRT
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: synthetic peptide
205 <400> SEQUENCE: 15
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207 1 5 10
210 <210> SEQ ID NO: 16
211 <211> LENGTH: 11
212 <212> TYPE: PRT
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:

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Input Set : N:\Crf3\RULE60\09765086.txt
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216 <223> OTHER INFORMATION: synthetic peptide
218 <400> SEQUENCE: 16
219 Ala Cys Asp Cys Arg Gly Asp Cys Phe Cys Gly
220 1 5 10
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224 <211> LENGTH: 6
225 <212> TYPE: PRT
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: synthetic peptide
231 <400> SEQUENCE: 17
232 Gly Arg Gly Glu Ser Pro
233 1 5
236 <210> SEQ ID NO: 18
237 <211> LENGTH: 6
238 <212> TYPE: PRT
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
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244 <400> SEQUENCE: 18
245 Trp Gly Thr Gly Leu Cys
246 1 5
249 <210> SEQ ID NO: 19
250 <211> LENGTH: 13
251 <212> TYPE: PRT
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: synthetic peptide
257 <400> SEQUENCE: 19
258 Gly Ala Cys Val Phe Ser Ile Ala His Glu Cys Gly Ala
259 1 5 10
262 <210> SEQ ID NO: 20
263 <211> LENGTH: 13
264 <212> TYPE: PRT
265 <213> ORGANISM: Artificial Sequence
267 <220> FEATURE:
268 <223> OTHER INFORMATION: synthetic peptide
270 <400> SEQUENCE: 20
271 Cys Gly Glu Ala Cys Gly Gly Gln Cys Ala Leu Pro Cys
272 1 5 10
275 <210> SEQ ID NO: 21
276 <211> LENGTH: 9
277 <212> TYPE: PRT
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: synthetic peptide
283 <400> SEQUENCE: 21
284 Ile Trp Ser Gly Tyr Gly Val Tyr Trp
285 1 5

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Input Set : N:\Crf3\RULE60\09765086.txt
Output Set: N:\CRF3\04192001\I765086.raw

288 <210> SEQ ID NO: 22
289 <211> LENGTH: 9
290 <212> TYPE: PRT
291 <213> ORGANISM: Artificial Sequence
293 <220> FEATURE:
294 <223> OTHER INFORMATION: synthetic peptide
296 <400> SEQUENCE: 22
297 Pro Ser Cys Ala Tyr Met Cys Ile Thr
298 1 5
301 <210> SEQ ID NO: 23
302 <211> LENGTH: 9
303 <212> TYPE: PRT
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: synthetic peptide
309 <400> SEQUENCE: 23
310 Trp Glu Ser Leu Tyr Phe Pro Arg Glu
311 1 5
314 <210> SEQ ID NO: 24
315 <211> LENGTH: 9
316 <212> TYPE: PRT
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: synthetic peptide
322 <400> SEQUENCE: 24
323 Ser Lys Val Leu Tyr Tyr Asn Trp Glu
324 1 5
327 <210> SEQ ID NO: 25
328 <211> LENGTH: 13
329 <212> TYPE: PRT
330 <213> ORGANISM: Artificial Sequence
332 <220> FEATURE:
333 <223> OTHER INFORMATION: synthetic peptide
335 <400> SEQUENCE: 25
336 Cys Gly Leu Met Cys Gln Gly Ala Cys Phe Asp Val Cys
337 1 5 10
340 <210> SEQ ID NO: 26
341 <211> LENGTH: 13
342 <212> TYPE: PRT
343 <213> ORGANISM: Artificial Sequence
345 <220> FEATURE:
346 <223> OTHER INFORMATION: synthetic peptide
348 <400> SEQUENCE: 26
349 Cys Glu Arg Ala Cys Arg Asn Leu Cys Arg Glu Gly Cys
350 1 5 10
353 <210> SEQ ID NO: 27
354 <211> LENGTH: 13
355 <212> TYPE: PRT
356 <213> ORGANISM: Artificial Sequence

VERIFICATION SUMMARY
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Input Set : N:\Crf3\RULE60\09765086.txt
Output Set: N:\CRF3\04192001\I765086.raw

L:133 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (9) SEQUENCE:
L:139 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (10) SEQUENCE:
L:144 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (11) SEQUENCE:
L:159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:2672 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (205) SEQUENCE:
L:2678 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (206) SEQUENCE:
L:2904 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:224